Weekly Report

梅鸿辉

November 26, 2017

1. 微信公众号

本周负责微信公众号的撰写

2. Idea evaluation: 不同分辨率/显示面积间迁移的设计准则

看了更多相关工作，周五进行了报告，得到了更多的一些想法

3. Others

- 整牙
- antV发布会（蛋糕好吃）

4. Paper Reading

4.1 Multi-resolution

[1] D. Zimmerman and T. Yohon, “Small-screen interface design: Where are we? Where do we go?,” IEEE Int. Prof. Commun. Conf., 2009.

[2] D. A. Szafir, “Modeling Color Difference for Visualization Design,” IEEE Trans. Vis. Comput. Graph., vol. 24, no. 1, pp. 392–401, 2017.

[3] D. Churchill and J. Hedberg, “Learning object design considerations for small-screen handheld devices,” Comput. Educ., vol. 50, no. 3, pp. 881–893, 2008.

[4] L. Findlater and J. McGrenere, “Impact of screen size on performance, awareness, and user satisfaction with adaptive graphical user interfaces,” Proc. 26th SIGCHI Conf. Hum. Factors Comput. Syst., pp. 1247–1256, 2008.

[5] M. Jones, G. Marsden, N. Mohd-Nasir, K. Boone, and G. Buchanan, “Improving Web interaction on small displays,” Comput. Networks, vol. 31, no. 11, pp. 1129–1137, 1999.

[6] M. Jones, G. Buchanan, and H. Thimbleby, “Improving web search on small screen devices,” Interact. Comput., vol. 15, no. 4, pp. 479–495, 2003.

[7] M. F. Bradshaw, A. Glennerster, and B. J. Rogers, “The effect of display size on disparity scaling from differential perspective and vergence cues,” Vision Res., vol. 36, no. 9, pp. 1255–1264, 1996.

[8] A. Dillon, J. Richardson, and C. McKnight, “The effects of display size and text splitting on reading lengthy text from screen,” Behav. Inf. Technol., vol. 9, no. 3, pp. 215–227, 1990.

[9] J. M. Enoch, “Effect of the Size of a Complex Display on Visual Search,” J. Opt. Soc. Am., vol. 49, no. 696, pp. 280–286, 1959.

[10] X. Chen, Starke Sandra, C. Baber, and A. Howes, “A Cognitive Model of How People Make Decisions Through Interaction with Visual Displays,” Proc. ACM CHI’17 Conf. Hum. Factors Comput. Syst., no. November, pp. 1205–1216, 2017.

[11] J. Brosz, M. a. Nacenta, R. Pusch, S. Carpendale, and C. Hurter, “Transmogrification: Casual Manipulation of Visualizations,” Proc. 26th Annu. ACM Symp. User interface Softw. Technol. - UIST ’13, pp. 97–106, 2013.

4.2 Others

[1] H. Stitz, “Provenance-Based Visualization Retrieval,” 2017.

[2] Tableau Software, “2018年商业智能10大趋势.” 2017.

[3] H. Huang, “InfoNice : Easy Customization of Information Graphics,” pp. 1–2, 2017.

[4] B. Lee, C. Plaisant, C. S. Parr, J.-D. Fekete, and N. Henry, “Task taxonomy for graph visualization,” Proc. 2006 AVI Work. BEyond time errors Nov. Eval. methods Inf. Vis. - BELIV ’06, p. 1, 2006.

[5] R. Amar, J. Eagan, and J. Stasko, “Low-Level Components of Analytic Activity in Information Visualization,” in Information Visualization, 2005. INFOVIS 2005. IEEE Symposium on, 2005, pp. 111–117.

TODO Next Week

- ECharts论文 | Related work
- 继续idea evaluation
- 分配点任务给两个硕士生做

Works Progresses

TASK	PROGRESS	TODO	ISSUES	DATE
专利（两个）	1/2	继续按照要求修改示意图		
VisComposer	IUI	等待结果		
VisEvo		idea evaluation		下周
JVLC	publicated			
电子学报	已提交	等待回复		
ECharts论文	进行中	撰写Related Works		下周